UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/895,493	07/16/1997	MAKOTO SAITO	58800.919C	1079

38834 7590 02/17/2005		EXAMINER
WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP		SEAL, JAMES
1250 CONNECTICUT AVENUE, NW		

ART UNIT	PAPER NUMBER
2135	

SUITE 700
WASHINGTON, DC 20036

DATE MAILED: 02/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Advisory Action	08/895,493	SAITO, MAKOTO
	Examiner	**Art Unit**
	James Seal	2135

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 27 December 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may <u>only</u> be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

<u>PERIOD FOR REPLY</u> [check either a) or b)]

a) ☒ The period for reply expires <u>4</u> months from the mailing date of the final rejection.

b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.

2. ☐ The proposed amendment(s) will not be entered because:

   (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);

   (b) ☐ they raise the issue of new matter (see Note below);

   (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

   (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

   NOTE: _____

3. ☐ Applicant's reply has overcome the following rejection(s): _____.

4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

5. ☒ The a)☐ affidavit, b)☐ exhibit, or c)☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: *See continuation sheet*

6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.

7. ☒ For purposes of Appeal, the proposed amendment(s) a)☐ will not be entered or b)☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

   The status of the claim(s) is (or will be) as follows:
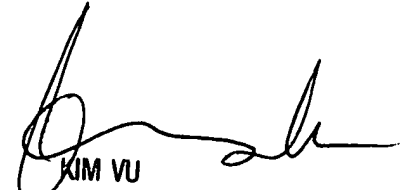
   Claim(s) allowed: _____.

   Claim(s) objected to: _____.

   Claim(s) rejected: *156-181*.

   Claim(s) withdrawn from consideration: _____.

8. ☒ The drawing correction filed on <u>06/11/2003</u> is a)☒ approved or b)☐ disapproved by the Examiner.

9. ☐ Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s). _____.

10. ☐ Other: _____

Continuation of 2. NOTE: With regards to control algorithm (not cryptographic algorithm, see Column 8 lines 50-57, Nozawa). Nozawa recognizes traditional means (background) of separating cryptographic algorithms from the function (task) needed to be performed, eg. data compression Column 3, lines 29-31) creates a bottleneck fo data input/output and slows throughput (Column 1, lines 54-60). The way around this is by converting the key into a more complicated cryptograph which has function and security (Column 2, lines 3-4). Hence the keys associated with the control algorithms are not merely cryptographic but take on all functions such as data transport, data storage which performs delivery and compression of dstat b etween the storage device and the upper levels of the device in a secure fashion(Column 8, lines 50-57) so that the burden of security on the upper layers of the apparatus is greatly reduced without degrading the throughput or security of the system. Thus, Nozawa does teach that any function of the applications layer may be associated with a key and thus a plurality of uttilization keys (one associated with each function) to perform different task. Again Shear not Nozawa was used to teach the different tasks to include display, edit, storage, copy, and transfer (eg. See Column 17, lines 30-35)Claim 156 ect does not recite as a limitation that each of functions keys (uitilization keys or permit keys) are uniquely assigned a key in a one-to-one manner, however, Shear does suggest that the billing can depend on the type of function utlizatized (Column 17, lines 34-35) which could only happen if the functions keys were assigned in a one to one basis. .

KIM VU
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100